

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

(Original, Design, National Stage of PCT, Supplemental, Divisional, Continuation or CIP)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

app]	This licab	declaration is of the following type: (check one le item below)
		original
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ann ann ans a an an an fun an		supplemental
	****	national stage of PCT
		divisional
		continuation
	<u>X</u>	continuation-in-part (CIP)

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

BIOSYNTHETIC BINDING PROTEINS FOR -IMAGING IMMUNOTARGETING

Hogh

SPECIFICATION IDENTIFICATION

the specification of which (check one):					
X is attached hereto.					
was filed on as Application Serial No or					
Express Mail No., as Serial No. not yet known					
and was amended on(if applicable).					
was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on (if any).					
ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR					
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to herein. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, \$1.56(a).					
In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97. PRIORITY CLAIM					
PRIORITY CLAIM					
I hereby claim foreign priority benefits under Title 35, United States Code, \$119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.					
Check one:					
no such applications have been filed.					
such applications have been filed as follows:					

Page 3

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Application Number	Date of Filing (mo.,day, year)	Priority Under 37	
PCT	US93/01055	2/5/93	YES	NO X
			YES	ио
			YES	ио
AL	12 MONTHS (6 M	ATION(S), IF ANY F MONTHS FOR DESIGN) S U.S. APPLICATION	PRIOR TO	
AL				
CLA	IM FOR BENEFIT OF	E EARLIER U.S./PCT	r APPLICATION(S	1

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120:

U.S. APPLICATIONS

U.S. FILING DATE

STATUS

07/831,967 (Application Serial No.)	2/6/92 (Filing Date)	<pre>pending (Status) (patented, pending, aband.)</pre>
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, aband.)

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

	Edmund R. Pitcher,	Reg.	No.	27,829
1.1.3	Steven M. Bauer,	Reg.	No.	31,481
7 100 100 100 100 100 100 100 100 100 10	Paula A. Campbell,	Reg.	No.	32,503
n me	Douglas J. Kline,			35,574
	Richard B. Smith,	Reg.	No.	34,020
	Gillian M. Fenton	Reg.	No.	36,508
F	Joseph A. Capraro	Reg.	No.	36,471
	Robin D. Kelley,	Reg.	No.	34,637
Ţ	Robert J. Tosti,	Req.	No.	35,393
The state of the s	Madeline I. Johnston,	Req.	No.	36,174
3 1	·	_		

Direct correspondence to:

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Patent Administrator Testa, Hurwitz & Thibeault Exchange Place 53 State Street Boston, MA 02109-2809 U.S.A.

Direct telephone calls to: Edmund R. Pitcher (617) 248-7589

(name and telephone number)

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

James S. Huston Full name of sole or first inventor Citizenship
2 James 1. Justen 9-22-93
Inventor's signature Date
Five Drew Road, Chestnut Hill, MA 02167
Residence
Dsame as above
Post Office Address
Lou L. Houston U.S.A.
Full name of second joint inventor Citizenship
if any
Inventor's signature Date
1901 Oakcrest Drive, Oakland, CA 94602
Residence
same as above Post Office Address

CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

	<u>X</u>	Signature for third and subsequent joint inventors. Number of pages added $\underline{1}$.
		Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated
		inventor. Number of pages added
		Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added
	***************************************	Added pages to combined declaration and power of attorney for divisional, continuation, or continuation in-part (CIP) application Number of pages added.
		Authorization of attorney(s) to accept and follow instructions from representative.
If Dec	no fui larati	rther pages form a part of this Declaration then end this ion with this page and check the following item.
Harm		This declaration ends with this page.
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ADDED PAGES FOR ADDITIONAL INVENTORS

David B. Ring Full name of inventor	U.S.A. Citizenship
Inventor's signature	Date
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Hermann Oppermann Full name of inventor	U.S.A. Citizenship
Tome Cyonania Manuel Ma	Sept. 22 1993 Date
inventor's signature	Daté
Summer Hill Road, Medway, MA 02053 Residence	
Same as above Fost Office Address	
Tull name of inventor	
<pre></pre>	Citizenship
Inventor's signature	Date
Residence	
Post Office Address	
Full name of inventor	Citizenship
Inventor's signature	Date
Residence	



COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

(Original, Design, National Stage of PCT, Supplemental, Divisional, Continuation or CIP)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

appl	This licab	declaration is of the following type: (check one le item below)
	<u>x</u>	original
Property of the control of the contr		design
		supplemental
		national stage of PCT
		divisional
		continuation
AUL	<u>X</u>	continuation-in-part (CIP)

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My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

BIOSYNTHETIC BINDING PROTEINS FOR IMMUNG-TARGETING

DB.R.

SPECIFICATION IDENTIFICATION

the :	speci	ification of which (check one):	
-	X	is attached hereto.	
-		was filed on Application Serial No.	as or
-		Express Mail No., as Serial No. not yet known	
		and was amended on(if applicable).	
-	·	was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 of (if any).	n
	ACK	NOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR	
cont	ents	reby state that I have reviewed and understand the of the above identified specification, including the amended by any amendment referred to herein.	e
mate	rial	knowledge the duty to disclose information which is to the examination of this application in accordanc le 37, Code of Federal Regulations, §1.56(a).	e
and and a second a		In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97.	
Andrease and a second a second and a second		PRIORITY CLAIM	
Unit or i appl Unit belo cert at l	ed S nven icat ed S w an ific east	reby claim foreign priority benefits under Title 35, tates Code, \$119 of any foreign application(s) for ptor's certificate or of any PCT international ion(s) designating at least one country other than tates of America listed below and have also identify foreign application(s) for patent or inventor's ate or any PCT international application(s) designat one country other than the United States of America me on the same subject matter having a filing date hat of the application(s) of which priority is claim	he ed .ing
	Chec	k one:	
		no such applications have been filed.	
		such applications have been filed as follows:	

Page 3

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EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

÷у	Application Number	Date of Filing (mo.,day, year)	Pri Und	ority er 37	Cla USC	imed 119
	US93/01055	2/5/93		YES	NO	X
				YES	NO	
				YES	МО	
ALL	FOREIGN APPLICATE 12 MONTHS (6 No. 1111)	ATION(S), IF ANY F MONTHS FOR DESIGN) S U.S. APPLICATION	ILED MORE PRIOR TO	THAN		
		US93/01055 ALL FOREIGN APPLICATION NO. 12 MONTHS (6 N	US93/01055 2/5/93 ALL FOREIGN APPLICATION(S), IF ANY F 12 MONTHS (6 MONTHS FOR DESIGN) THIS U.S. APPLICATION	Number (mo.,day, year) Under U	Number (mo.,day, year) Under 37 US93/01055 2/5/93 YES YES YES YES ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION	Number (mo.,day, year) Under 37 USC US93/01055 2/5/93 YES NO YES NO YES NO YES NO ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, \$1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120:

U.S. APPLICATIONS U.S. FILING DATE STATUS

07/831,967 (Application Serial No.)	2/6/92 (Filing Date)	<pre>pending (Status) (patented, pending, aband.)</pre>
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, aband.)

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the United States Patent and Trademark Office Connected therewith:

Edmund R. Pitcher, Steven M. Bauer, Paula A. Campbell, Douglas J. Kline, Richard B. Smith, Gillian M. Fenton Joseph A. Capraro Robin D. Kelley, Robert J. Tosti,	Reg. Reg. Reg. Reg. Reg. Reg.	No. No. No. No. No. No. No.	27,829 31,481 32,503 35,574 34,020 36,508 36,471 34,637 35,393
Madeline I. Johnston,			36,174

Direct correspondence to:

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Patent Administrator Testa, Hurwitz & Thibeault Exchange Place 53 State Street Boston, MA 02109-2809 U.S.A.

Direct telephone calls to: Edmund R. Pitcher (617) 248-7589

(name and telephone number)

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

James S. Huston	U.S.A.
Full name of sole or first inventor	Citizenship
Inventor's signature	Date
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Tost office address	
; 	
[L. L. Houston	U.S.A.
Full name of second joint inventor	U.S.A. Citizenship
if any (^
h de fount on	Jet5, 1993
Inventor's signature	Date
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· ·	
same as above Post Office Address	
TOOL OLLLO MUULESS	

CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

	<u>X</u>	Signature for third and subsequent joint inventors. Number of pages added $\underline{1}$.				
		Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added				
		Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added				
		Added pages to combined declaration and power of attorney for divisional, continuation, or continuation in-part (CIP) application Number of pages added.				
T III		Authorization of attorney(s) to accept and follow instructions from representative.				
If no further pages form a part of this Declaration then end thi Declaration with this page and check the following item.						
		This declaration ends with this page.				

ADDED PAGES FOR ADDITIONAL INVENTORS

David B. Ring	U.S.A.
David B. Ring Full name of inventor	Citizenship
	9/22/93
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Inventor's signature	Date
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Residence	
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same as above Post Office Address	
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Hermann Oppermann Full name of inventor	Citizenship
Tull hame of theorem	
<u>ī</u> <u>Inventor's signature</u>	Date
	02052
23 Summer Hill Road, Medway, MA Residence	02053
Residence	
same as above	
Post Office Address	
:	
tone. Sanda	
	Citizenship
] Full name of inventor	CICIZENSHIP
Inventor's signature	Date
±	
Residence	
Post Office Address	
Post Office Address	
Full name of inventor	Citizenship
Inventor's signature	Date
inventur a arguature	
Residence	

Atty Dkt No. 0926.006 2300-0926.02 PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 2023 for October 27, 1999.

Lolar Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

James S. HUSTON et al.

Serial No.: 08/462,641

Art Unit: 1644

Filing Date: June 5, 1995

Examiner: T. Cunningham

Title:

BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING

REVOCATION OF POWER OF ATTORNEY AND NEW POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

I, <u>Cheryl Lawton, Esq.</u>, <u>General Counsel</u> (name) (title)

of the assignee, Creative Biomolecules, Inc. by virtue of an assignment recorded at Reel 6765 and Frame 0017 on October 7, 1993 hereby revoke all powers of attorney heretofore existing in the above-identified application and hereby appoint Robert P. Blackburn, Reg. No. 30,447, Alisa A. Harbin, Reg. No. 33,895, Joseph H. Guth, Reg. No. 31,261, Charlene A. Launer, Reg. No. 33,035, David P. Lentini, Reg. No. 33,944, Kimberlin L. Morley, Reg. No. 35,391, Roberta L. Robins, Reg. No. 33,208, Dahna S. Pasternak, Reg. No. 41,411, Vandana Date, Reg. No. 38,675 and Gary R. Fabian, Ph.D., Reg. No. 33,

Atty Dkt No. 0926.006 USSN: 08/462,641 **PATENT**

875 and as our attorneys and agents to prosecute said application, and to transact all business in the Patent and Trademark Office connected therewith.

Please address all further communications to Joseph H. Guth at the following address:

> CHIRON CORPORATION Intellectual Property - R440 P.O. Box 8097 Emeryville, CA 94662-8097 Telephone: (510) 923-3888 Facsimile: (510) 655-3542

Date: 9/21/99

- [==

Atty Dkt No. 0926.006 2300-0926.02 PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 2023) on October 27, 1999.

15/27/99 Yattucii America

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

James S. HUSTON et al.

Serial No.: 08/462,641

Art Unit: 1644

Filing Date: June 5, 1995

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Title:

BIOSYNTHETIC BINDING PROTEINS FOR IMMUNO-TARGETING

REVOCATION OF POWER OF ATTORNEY AND NEW POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

I, Joseph H. Guth , Assistant Secretary (name) (title)

of the assignee, Chiron Corporation by virtue of an assignment recorded at Reel 6765 and Frame 0014 on October 7, 1993 hereby revoke all powers of attorney heretofore existing in the above-identified application and hereby appoint Robert P. Blackburn, Reg. No. 30,447, Alisa A. Harbin, Reg. No. 33,895, Joseph H. Guth, Reg. No. 31,261, Charlene A. Launer, Reg. No. 33,035, David P. Lentini, Reg. No. 33,944, Kimberlin L. Morley, Reg. No. 35,391, Roberta L. Robins, Reg. No. 33,208, Dahna S. Pasternak, Reg. No. 41,411, Vandana Date, Reg. No. 38,675 and Gary R. Fabian, Ph.D., Reg. No. 33, 875 as our

Atty Dkt No. 0926.006 USSN: 08/462,641 PATENT

attorneys and agents to prosecute said application, and to transact all business in the Patent and Trademark Office connected therewith.

Please address all further communications to Joseph H. Guth at the following address:

CHIRON CORPORATION Intellectual Property - R440 P.O. Box 8097 Emeryville, CA 94662-8097 Telephone: (510) 923-3888

Facsimile: (510) 655-3542

By:

CHIRON CORPORATION

Date: 3 Systember 1959

Name: Joseph H.

Assistant Secretary